

**DUGWAY PROVING GROUND  
RESTORATION ADVISORY BOARD  
ENGLISH VILLAGE COMMAND CENTER CONFERENCE ROOM**

**MAY 17, 2000  
6:30 PM  
Meeting Minutes**

The meeting of the Dugway Proving Ground Restoration Advisory Board was held on Wednesday, May 17, 2000, at 6:30 p.m., in the English Village Command Center Conference Room A at Dugway Proving Ground, Utah. A copy of the Agenda is provided as Enclosure 1. Attendees are listed on Enclosure 2. Handouts are included under Enclosure 3.

**6:45 Welcome**  
**Meeting was brought to order by Col Edward Fisher**

Col Fisher expressed his appreciation to RAB community members for their interest in participating in the RAB and commented on a great community member turnout. The RAB is made up of members of the local and surrounding communities.

This is the first formal meeting of the RAB. Tonight will focus on RAB administrative issues including selecting a community co-chair and discussing the development and implementation of ground rules and operating procedures. Following the administrative portion of the meeting we will discuss the environmental program and ask that the RAB members to identify environmental concerns.

**6:50 Joseph Gearo, Installation Co-Chair, Dugway Proving Ground**  
**Introductions**

Mr. Gearo briefly discussed the evening agenda including the importance of selecting a RAB co-chair. Mr. Gearo also explained how he had been appointed installation co-chair, his environmental background and what he hopes to bring to the group. The installation and a member of the community will jointly chair the RAB. The co-chairs are equals and will share leadership responsibilities. Members of the community select the co-chair. During the selection process community members are encouraged to select a co-chair that has nothing to gain, financially or politically, from any RAB decisions. A co-chair does not have to have previous environmental experience but should have good communication skills.

**6:52 Randi Nelson, Community Relations Coordinator, Kleinfelder**  
**RAB Mission Statement and RAB Operating Procedures**

Ms. Nelson made a brief presentation on the importance of developing policies and procedures for RAB operation. The RAB is a forum for representatives of the installation, regulatory agencies, and the community to discuss and exchange information about the installation's environmental restoration program. The RAB also provides the community with an opportunity to participate in the cleanup activities. In order for the RAB to be successful it should develop a mission statement briefly explaining its purpose and adopt operating procedures that will assist in maintaining the RAB's focus on restoration activities. Operating procedures should prevent the RAB from focusing on non-restoration issues. The RAB may consider establishing rules on attendance, frequency of meetings, membership, dispute resolution, document review and identifying areas of concern. Committees may be established to develop the operating procedures.

The RAB may also elect to establish committees to tackle time demanding topics such as document review.

Information Repositories are currently being established at the Marriott Library at the University of Utah and also at the Tooele Chemical Stockpile Outreach Office. The repositories are designed to provide the community opportunities to review and comment on documents pertaining to the installation's restoration program.

Q. Will environmental documents be available to RAB members on the web or by e-mail?

A. (Randi Nelson) Documents are available at two Information Repositories – at the Tooele Chemical Stockpile Outreach Office at 54 South Main Street in Tooele and at the 5<sup>th</sup> Floor Special Collections section of the University of Utah – Marriott Library. The Utah Department of Environmental Quality (UDEQ) in Salt Lake City has an Administrative Record that is open to the public by appointment, and has initiated a project to make some documents available on their website in the future (<http://www.deq.state.ut.us/>). Dugway also has an Administrative Record on-site that is available by appointment (contact Scott Reed, 435-831-3592).

**7:00 Randi Nelson, Community Relations Coordinator, Kleinfelder  
Community Co-Chair Selection Process**

Ms. Nelson presented information on selecting the community co-chair. The co-chair will equally share the meeting with the installation co-chair. They will assist in developing meeting agendas, encourage community participation and discussion of community issues during meetings, and assist in disseminating information to and gathering information from the communities at large. The RAB community members select of the RAB community co-chair.

**7:10 RAB Community Members  
Community Co-Chair Nominations for Candidacy**

The following members of the board had previously expressed an interest in the co-chair position and were given an opportunity to make a brief statement of their experience, and why they should be considered for the position:

Vernon Denman  
John Christensen (absent)  
Royce Larsen  
Tony Flippo  
Robert McNiel  
Karene Davis

**7:25 BREAK**

**7:35 RAB Community Members  
RAB Community Co-Chair Selection**

After a secret ballot election, there was a three-way tie among Royce Larsen, Karene Davis and Tony Flippo. Subsequently, a run-off election was held and members selected Royce Larsen as the Community Co-Chair representative.

**7:40 Scott Reed, Restoration Program Manager, Dugway Proving Ground  
Installation Restoration Program (IRP) Overview**

Mr. Reed asked the RAB to participate in an open table discussion to identify their environmental issues and determine areas of concern to be addressed this evening and at future meetings.

Q. (Vernon Denman, Dugway Community Member) Some members of this RAB may not be familiar with the Dugway Proving Ground area and could benefit from a tour. Is it possible to arrange for RAB members to have a tour of Dugway Proving Ground?

A. (Scott Reed, Dugway Proving Ground): Yes. In fact we want to coordinate a tour so that the members can see the sites firsthand. There are more than 200 sites on the installation and it would be difficult to visit each site during one tour. We would like to suggest that the members review the Installation Action Plan (IAP), identify several sites of concern and then we can talk about what you would like to see. It is most probable that you will want to focus on the higher priority sites (80 of the 216 total sites are classified as “No further action” sites).

In March, representatives of the EPA came to see some of the sites at Dugway to assess our progress with regard to the cleanup of groundwater. When they finished their review, they left both pleased and with the understanding that DPG has an effective plan and is making good progress.

(Dave Larsen, UDEQ): RAB members who are Dugway residents may want to talk about sites which are close to their homes.

Q. (Tony Flippo, Tooele Community Member) Can you discuss the methodology that DPG and the Army use to establish cleanup priorities?

A. (Scott Reed, Dugway Proving Ground): Yes, all installations use an Army-wide computer system for “Relative Risk Site Evaluation” that identifies the risks to human health and the environment based on actual analytical data. The RRSE score does not actually identify risk, but allows the Army to rank sites against one another and provide a basis for funding purposes. We enter the data for each site, such as known contaminant levels, impacted media (soil, groundwater, etc.), location (on- or off-post), and potential exposure pathways (dermal, inhalation, ingestion) to generate the score. The program ranks the relative risk at all sites in categories from high to low (1A, 2A and 3A, with 1 being the highest). The Department of Defense (DoD) funds the “worst first” – so that the highest risk sites from all over the United States are funded first.

This is a good question and would be a great topic to discuss at length at a future meeting if the members agree.

Q. (Harry Shinton, Tooele County Sheriff – Hazardous Materials Division) How many of the identified sites are still active?

A. (Scott Reed, Dugway Proving Ground) Most of the sites identified fall under the installation’s RCRA Corrective Action program and consist of sites utilized prior to 1980. Consent order sites are those sites which were contaminated by installation operations after 1980. A very small number of these sites are still in use. We are very close to being able to say that none of the sites are still being used and are not anticipated to be used in the future.

Comment: (David Fendt, Stansbury Park Community Member) Most people are interested in the sites in their backyard.

**Motion:** Chae Kim motioned that e-mail addresses and phone numbers be made available to the RAB members so that they can communicate and discuss agenda topics for the next meeting.

**Action:** RAB members were asked to provide telephone and fax numbers and e-mail address on the attendance roster. A copy of the attendance roster was distributed at the end of the meeting and is attached to the minutes. – Action completed.

Q. (Royce Larsen, Community Co-Chair) What information is in the Installation Action Plan (IAP)?

A. (Scott Reed, Dugway Proving Ground) The IAP lists all of the SWMUs that have been identified by and to the State UDEQ. The sites fall under two environmental programs -- the RCRA Corrective Action sites and Consent Order sites.

**Motion:** Motion made by Tony Flippo to discuss how sites are prioritized. Motion passed unanimously.

**Action:** Scott Reed provided a synopsis of site prioritization. The Army has a priority program in place to provide the level of funding necessary to achieve environmental restoration. Each year the installation will submit the Installation Action Plan (IAP) to the funding arm of the Army. The IAP outlines the installation restoration program by providing site data, RRSE priorities, and the cost-to-complete funding needs for site cleanup. Along with these factors, the Army funding arm also must consider the Defense Planning Goal, which is the DoD strategy to clean up all high priority sites by 2007. The funding arm will review the information provided by the installation and approve a work plan for the next fiscal year.

Dugway has a cleanup methodology in place that is supported by the regulatory agencies.

Q. (Marianne Rutishauser, Tooele County Emergency Mgmt.) In a previous meeting it was stated that the drinking water aquifer has not been impacted by groundwater contamination. Is this still correct?

A. (Scott Reed, Dugway Proving Ground) Yes, correct. The contamination is in the shallow aquifer, not down in the drinking water but the risk of impact exists.

Q. (Harry Shinton, Tooele County Sheriff – Hazardous Materials Division) Funding is a key issue at many installations. Does Dugway have the funding needed to proceed with their environmental activities.

A. (Scott Reed, Dugway Proving Ground) Yes, we have adequate funding.

Q. (Marianne Rutishauser, Tooele County Emergency Mgmt.) Of the several sites that have been investigated and closed, were the sites all priority 1A (highest priority)?

A. (Scott Reed, Dugway Proving Ground) No. Site restorations were conducted at 1A through 3A sites depending on the funding that was available and the cleanup methods. There were funding issues in the beginning of the program that have since been resolved. Some of the sites selected for cleanup may have been a priority 3A to the installation but given higher status by the State. The installation and the State discussed the sites and assessed which ones should be cleaned up with the funding that was available at the time.

**Motion:** Motion made by Community Co-Chair Royce Larsen to establish RAB committees. Vernon Denman motioned to accept the four previously proposed committees. Harry Shinton motioned that each RAB member participate in at least one committee. The motions were accepted. A list of the committees and members is attached.

**8:40 Set Next Meeting.**

David Flippo motioned to set meeting for June 28<sup>th</sup>. Board accepted motion. Installation Co-chair motioned that the June 28, 2000 meeting be a working meeting held at the Tooele Chemical Stockpile Outreach Office (if available) in Tooele. Board accepted motion. Harry Shinton made motion to hold the next public RAB meeting on Wednesday, August 9, 2000 at Dugway Proving Ground. Board approved.

**8:50 Meeting adjourned.**

Attachments (handouts):

- 1 Agenda
- 2 Attendance Roster
- 3 Handouts

## **Dugway Proving Ground Restoration Advisory Board Subcommittees**

### **Procedural Committee**

This committee is in charge of drafting up the mission statement and operating procedures to be adopted by the Board

- Marianne Rutishauser – Community Member
- Vernon Denman – Community Member
- Harry Shinton – Community Member
- Joe Gearo – Installation Co-Chair

### **Membership Committee**

The Membership Committee will assist the Procedural Committee in developing the membership policy section of the operating procedures. The Committee will focus on issues including: length of term, resignations, and solicitation.

- David Fendt – Community Member
- Vernon Denman – Community Member
- Harry Shinton – Community Member
- Joe Gearo – Installation Co-Chair

### **Technical Committee**

The Technical Committee will focus on review of documents, establishing areas of concern, project site priority, etc. This Committee may divide into several sub-committees to study the numerous tasks.

- Robert McNiel – Community Member
- Abraham Mohammed – Community Member
- Tony Flippo – Community Member
- Karene Davis – Community Member
- David Fendt – Community Member
- Jennifer Saran – Community Member
- Royce Larsen – Community Co-Chair

### **Outreach Committee**

The Outreach Committee will develop methods for reaching the local community and establish a presence within the community for the timely exchange of information as it relates to the installation's restoration program.

- Chae Kim – Community Member
- Marianne Rutishauser – Community Member
- Abraham Mohammed – Community Member
- Vernon Denman – Community Member
- Carl Wall – Community Member
- Larry Diede – EPA Project Manager
- Royce Larsen – Community Co-Chair



**AGENDA**  
**DUGWAY PROVING GROUND**  
**RESTORATION ADVISORY BOARD**  
**ENGLISH VILLAGE – COMMAND CONFERENCE ROOM**

**MAY 17, 2000**  
**6:30 PM**

<b>TIME</b>	<b>ACTIVITY</b>	<b>RESPONSIBLE INDIVIDUAL</b>
6:30 – 6:35	Welcome Introduction of DPG Co-chair	Dugway Proving Ground Col Edward Fisher
6:35 – 6:40	Acceptance of Meeting Minutes from February 2000 RAB Meeting	Dugway Proving Ground Mr. Joseph Gearo
6:40 – 6:50	Introduction of the RAB Members	Dugway Proving Ground Mr. Joseph Gearo
6:50 – 6:55	Introduction of the DPG Supporting Staff	Dugway Proving Ground Mr. Joseph Gearo
6:55 – 7:10	RAB Mission Statement RAB Operating Procedures	Kleinfelder, Inc. Ms. Randi Nelson
7:10– 7:20	Community Co-chair Selection Process	Kleinfelder, Inc. Ms. Randi Nelson
7:20 – 7:35	Break	

*These agenda items were replaced by RAB member requests to conduct RAB business. See Meeting Minutes.*

7:35 – 7:45	Installation Restoration Program (IRP) Overview	Dugway Proving Ground Mr. Scott Reed
7:45 – 8:00	Installation Restoration Program Update ➤ RCRA Facility Investigation (RFI) Sites Solid Waste Management Units (SWMUs)	Parsons Engineering Science Mr. Ed Staes
8:00 – 8:15	Installation Restoration Program Update ➤ Consent Order Sites Hazardous Waste Management Units (HWMUs)	IT Corporation Mr. Jeff Ogawa
8:15 – 8:25	Questions and Discussion	
8:25 – 8:30	Set Next Meeting Date	



# Dugway Proving Ground Restoration Advisory Board Formation Meeting

May 17, 2000  
Sign-In Sheet

Name (please print)	Affiliation	Address	Phone
Col Ed Fisher	DPG - CO	1 Armitage Drive Dugway, UT 84022	(435) 831-3701 (435) 831-3713
Joseph R. Gearo, Jr.	DPG – EP	Dugway Proving Ground	(435) 831-3560 (435) 831-3563
Robert McNiel	Westar Corp	643 B. Pinyon Drive Dugway, UT 84022	(435) 831-7052
Tony Flipppo		673 Deer Hollow Road Tooele, UT 84074	(435) 833-9983 (435) 830-2324
Karene Davis		P.O. Box 360 Rush Valley, UT 84069	(435) 837-2371
Chris Prescott	USACE	1325 J. Street Sacramento, CA	(916) 557-7227
Dave Fendt		268 County Club Stansbury Park, UT 84074	(435) 882-3574
Jennifer Saran	Stansbury Park Community	237 Country Club Stansbury Park, UT 84074	(435) 843-1318 (435) 843-1319
Royce Larsen	DPG Community Activities	234-B West 5 <sup>th</sup> Street Dugway, UT 98022	(435) 831-2352 (435) 831-2152
Carl Wall	Ensign Ranches	HC 60 Box 350 Skull Valley, UT 84029	(435) 831-6013
Vernon Denman	DPG Security	393 West Knight Street Dugway, UT 84022	(435) 831-4150
Larry Diede	US EPA	999 19 <sup>th</sup> Street, Suite 500 Denver, CO	(303) 312-6428
Harry Shinton	Tooele County Sheriff/Hazmat Div.	47 S. Main Tooele, UT 84074	(435) 882-5600
Abraham M. Mohammed		646 B. Pinyon Drive Dugway, UT 84022	(435) 831-4214
Marianne Rutishauser	Tooele County Emergency Mgmnt.	47 S. Main Tooele, UT 84074	(435) 843-3263
Hui Chae Kim	Mitretek Systems	203A E. 5 <sup>th</sup> Ave Dugway, UT 84022	(435) 831-3623
David Larsen	Utah DSHW	P.O. Box 144880 Salt Lake City, UT	(801) 538-6749
Alan Mitchell	Vernon Community	240 N. Main St. Vernon, UT 84080	(435) 839-3442
Scott Reed	DPG-EP	Dugway Proving Ground	(435) 831-3592 (435) 831-3563
Vicky Henderson	USACE	1325 J. Street Sacramento, CA	(916) 557-6628
Maryellen Mackenzie	USACE, Sacramento	1325 J Street Sacramento, CA 95695	(916) 557-5373 x-7865

Jeff Ogawa	IT Corporation	4005 Port Chicago Way Concord, CA	(925) 288-2252
Donald Wilson	Ophir, UT	HCR 70, Box 13 Ophir, UT 84071	(435) 833-2333 (435) 833-3935
Joseph A. Martone	Dugway Community	P.O. Box 217 Dugway, UT 84022	(435) 831-7010 (435) 831-3813
Ellie Crandall	US EPA	999 19 <sup>th</sup> Street, Suite 500 Denver, CO	(800) 227-8917
Linda Hargrave	US EPA Region 8	999 18 <sup>th</sup> Street Denver, CO 80202	(303) 312-6621
Rex Sohn	U.S. Fish and Wildlife Service	145 East 1300 South Salt Lake City, UT 84115	(801) 524-5001
Betty Grizzle	US Fish and Wildlife Service	145 East 1300 South, Suite 404 Salt Lake City, UT 84115	(801) 524-5009 x-139 (801) 524-5021
John Young	DPG-DEP	91 B East 4 <sup>th</sup> Avenue Dugway, UT 84022	(435) 831-0316
Randi Nelson	Kleinfelder, Inc.	4875 Longley Lane Reno, NV 89502	(775) 689-7800